

# CHRISTOPHER M JONES

6905 champion Ct □ Greenville, TX □ (903) 780-6998 □ [joneschris903@gmail.com](mailto:joneschris903@gmail.com) □ <http://Joneschris.info>

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## SUMMARY

### COMMITMENT | LEADERSHIP | INTEGRITY

If you are looking for an individual with strong technical and analytical ability, someone who can conduct within any organization with good morals. An expert in enhancing simple processes; developing cutting edge programs and software implementation; and growing each segment of a high-quality IT member. I like to stay on the edge of technology to ensure that my organization is up to date and handling workloads efficiently.

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## AREAS OF KNOWLEDGE

Application Development  
Basic ITIL Knowledge  
Robotics / Microprocessors  
Software Development Life Cycle

Technology Consulting  
Agile Software Development  
Database Administration  
SVN systems

Information Security  
SharePoint  
Social Technology / Web 2.0  
Server Administration

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## PROFESSIONAL EXPERIENCE

TEXAS A&M UNIVERSITY. – COMMERCE, TX

2012 – Present

### **LEAD WEB DEVELOPER**

- Responsible for developing and maintaining widget-style virtual agent UIs on a variety of corporate websites.
- Work with experienced international project teams to move from the specification/mockup phase to a polished finished product, executing on time while communicating effectively.
- Keep the project or services teams informed as the status of your work and areas that might impact others or the project.
- Provide creative ideas to the project teams on how to create the best user experience.
- Participate in project and service planning activities.
- Participate in status meetings; provide status updates on progress and issues.
- Monitor project completion milestones.

### **ACHIEVEMENTS:**

- Manage all web driven applications
- Develop standards and guideline for web development

TEXAS A&M UNIVERSITY. – COMMERCE, TX

2008 – 2012

### **APPLICATION WEB DEVELOPER / APPLICATION DEVELOPER**

Consults with users to define application requirements, identifies programming and output needs, and verifies preliminary design and output. Recommends technical and procedural design for new or revised applications including flow charts, system specifications, programming guidelines and code review. Reviews, modifies and/or writes program code and/or job control language as needed, writes documentation of system procedures and guidelines for application users, as well as programs and program modifications. Administer UNIX based servers Development (Red Hat, Debian, and Ubuntu) Answers questions and provides technical assistance and/or training to applications users, resolves problems by reviewing and analysing software documentation and production outputs to identify causes, solutions, and/or make referrals.

### **ACHIEVEMENTS:**

- Introduce SharePoint to the university to better incorporate the online collaborations in real-time
- Develop complex algorithms that would communicate with our student information system (BANNER) using PLSQL
- Managed Multiple MSSQL, ORACLE, MySQL databases as well as created function and procedures that manipulated data within the databases
- Develop Microsoft (Excel, Word) macros to automate various processes around The Texas A&M university commerce
- Implemented a multi farm SharePoint environment.

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## **CHRISTOPHER JONES**

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- Created dynamic MVC applications using the .NET 4 Framework
- Developed a Software standards and guidelines document.
- Managed a small team of application web developers
- Implemented a source control repository using Team foundation server.
- Proposed an ITIL based ticketing system.
- Redeveloped the departments disaster recovery process and update documentation.
- Manage an implementation of Degree Works for A&M Commerce instance avg project cost \$500.0000
- Managed a Small team of application developers

BLING TEC. – GREENVILLE, TX

2002 – Present

### **INFORMATION TECHNOLOGY CONSULTANT**

Facilitate organizational change while providing expertise on technical, functional and/or business topics during the design, development and/or implementation of automated systems. Perform business requirements analysis, recommends selection of software/hardware, develops proposals for consulting services and manages the execution of projects.

#### **FUNCTIONS**

- meet with clients to determine requirements
- working with clients to define the scope of a project
- planning timescales and the resources needed
- clarifying a client's system specifications, understanding
- defining software, hardware and network requirements
- analysing IT requirements within companies and giving independent  
And objective advice on the use of IT
- developing agreed solutions and implementing new systems
- presenting solutions in written or oral reports
- designing, testing, installing and monitoring new systems
- preparing documentation and presenting progress reports to customers
- organising training for users and other consultants

TEXAS A&M UNIVERSITY. – COMMERCE, TX

2005 – 2008

### **STUDENT DATA CANTER OPERATIONS**

Server start up and shutdown, maintaining operating system patches and optimizing performance, hardware/software setup, maintenance and upgrades. Backup and recovery actions of operating system as well as application and user data. Interact with and support System Administrators.

#### **ACHIEVEMENTS:**

- Create processes that would better assist the department in processing student evaluations
- Manage servers and develop manuals and instructions on how processes and information is handled in the data centre.

TEXAS STATE TECHNICAL COLLEGE – MARSHALL TX

2002– 2005

### **NETWORK ASSISTANT I**

Install and maintain LAN/WAN hardware and software technologies. Configures and install routers and switches in accordance with company standards. Works in conjunction with Network Engineers to support companywide communication needs. Troubleshoots network usage and peripheral issues, supports help desk analysts, resolves connectivity issues, and maintains data and telecommunication connections. Requires expertise with varied products such as Cisco and Nortel, and hardware firewall solutions. Significant experience with Protocols and pipeline management a must.

#### **ACHIEVEMENTS:**

- Rewired the entire housing network and updated all switches in the housing closets for the switches
- Create documentation on how to manage the switches and routers in each closet and document each piece of hardware.

## CHRISTOPHER JONES

TEXAS STATE TECHNICAL COLLEGE – MARSHALL TX  
2005

2002–

### WEB DEVELOPER ASSISTANT

To monitor site technical performance and web server Code web pages utilizing CSS and XHTML and programming languages including JavaScript, SQL and PHP and combinations of languages for instance AJAX.

Interact with servers using SSH, FTP and Telnet protocols. Work in a variety of development frameworks including Ruby on Rails, .NET, PEAR and Smarty. Work with various database systems including PostgreSQL, MySQL, and SQL Server and frameworks including ADO and ODBC.

### ACHIEVEMENTS:

- Redevelop the Texas State technical colleges web page and received a best site award in 2004
- Created an easy interface for the current students and prospective students

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### PROFESSIONAL ORGANIZATIONS AND AFFILIATIONS

Member of the Institute of Electrical and Electronics Engineers (IEEE)  
CompTIA Member Since 2011  
EDUCAUSE Member Since 2011  
Campus Technology Member Since 2008

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### EDUCATION

#### **EDD ADMINISTRATIVE EDUCATION 2011 – PRESENT**

Texas A&M University – Commerce, TX – GPA 3.20

#### **MASTERS OF SCIENCE COMPUTER SCIENCE 2009 – 2010**

Texas A&M University – Commerce, TX—GPA 3.89

#### **BACHELOR OF SCIENCE INFORMATION SYSTEMS 2005-2008**

Texas A&M university– Commerce, TX—GPA 2.95

#### **ASSOCIATES OF SCIENCE SOFTWARE ENGINEERING 2002-2005**

Texas State Technical College – Marshall, TX—GPA 2.90

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### PROFESSIONAL DEVELOPMENT & PUBLIC SERVICES

Board substandard and Rehabilitation in Greenville TX (2010)

Rental Property Taskforce in Greenville TX (2012)

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### TEACHING EXPERIENCE

Fall/Spring/Summer 2010-2012 – CSCI 126 Introductions to Microcomputers

Spring 2010 – CSCI 380 Web Developments

Summer 2012 – CSCI 497 Microcontroller Development and programming

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### PUBLICATIONS

(**Publisher**) Insight of Perseverance (2012)

(**Publisher**) Harvesting Energy for wireless sensor nodes (2010)

(**Editor**) CACHE REPLACEMENT AND COHERENCE POLICIES DEPENDING ON DATA SIGNIFICANCE IN MOBILE COMPUTING ENVIRONMENTS (2010)

(**Editor**) DESIGN OF SOA-BASED DATA INTEGRATION FRAMEWORK FOR SPATIAL DATA MINING (2010)

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### RESEARCH

Harvesting Energy Using Smart energy charging algorithms

Artificial intelligence for power grids using MC's (microcontroller) units

Encryption of ASP.NET Applications to prevent Credential manipulation

Parallax propeller chip and aerospace energy techniques

Artificial Intelligence in Higher Education